

GenCore version 5.1.4\_p5\_4578  
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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 7.97642 Seconds  
 (without alignments)  
 9688.871 Million cell updates/sec

Title: US-08-978-217-6

Perfect score: 252

Sequence: 1 AATTCGCCCCCTGAGGAGCT.....CCGGCAGCTGTGGCCAGGA 252

Scoring table: IDENTITY\_NTC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
 Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq: \*  
 2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq: \*  
 3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq: \*  
 4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq: \*  
 5: /cgn2\_5/ptodata/1/ina/PCTUS\_COMB.seq: \*  
 6: /cgn2\_6/ptodata/1/ina/backfile1.seq: \*

#### SUMMARIES

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### ALIGNMENTS

Result No.	Score	Query Match	Length	DB ID	Description
1	252	100.0	1920	1 US-08-746-789A-1	Sequence 1, Appli
2	38.8	15.4	5173	1 US-08-242-677-1	Sequence 1, Appli
3	35	13.9	1975	2 US-08-852-743-1	Sequence 1, Appli
4	35	13.9	1975	3 US-09-185-30-1	Sequence 1, Appli
5	35	13.9	2161	2 US-08-712-70-9	Sequence 1, Appli
6	35	13.9	2161	3 US-09-111-44-4	Sequence 1, Appli
7	35	13.9	2161	4 US-09-541-22-8	Sequence 1, Appli
8	34	13.5	3141	2 US-08-956-24-2	Sequence 1, Appli
9	34	13.5	3141	3 US-09-351-21-5	Sequence 1, Appli
10	33	13.1	2127	4 US-09-594-66-9-11	Sequence 1, Appli
11	33	13.1	1304	4 US-09-594-66-9-9	Sequence 1, Appli
12	33	13.1	1420	4 US-09-591-66-9-7	Sequence 1, Appli
13	32.6	12.9	1317	4 US-09-160-05-6-2	Sequence 1, Appli
14	32.8	13.0	1392	4 US-05-160-03-6-11	Sequence 1, Appli
15	32.6	12.9	501	4 US-09-40-879A-149	Sequence 1, Appli
16	32.6	12.9	2172	4 US-09-594-66-9-13	Sequence 1, Appli
17	32.6	12.9	2740	4 US-05-594-66-9-9	Sequence 1, Appli
18	32.6	12.9	3777	3 US-09-121-32-1-15	Sequence 1, Appli
19	32.6	12.9	3777	4 US-08-933-803A-15	Sequence 1, Appli
20	32.4	12.9	2049	4 US-08-099-74-9-10	Sequence 1, Appli
21	32.4	12.9	44377	2 US-08-804-227C-7	Sequence 1, Appli
22	32.4	12.9	44377	2 US-08-804-198-1	Sequence 1, Appli
23	32	12.7	2505	1 US-07-971-43-4-7	Sequence 1, Appli
24	32	12.7	2505	1 US-08-458-81-9-7	Sequence 1, Appli
25	32	12.7	2505	5 PCT-US-01-07035-7	Sequence 1, Appli
26	31.8	12.6	2589	2 US-08-482-728A-3	Sequence 1, Appli
27	31.8	12.6	3431	4 US-09-632-098-1	Sequence 1, Appli

RESULT 1  
 US-08-746-789A-1  
 Sequence 1, Application US/08746789A  
 Patent No. 578200  
 GENERAL INFORMATION:  
 APPLICANT: Ismail Kola, Martin J. Tymins, Christine DeBouck  
 TITLE OF INVENTION: A No. 578200el Human ETS Family Member, ELF3  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSSEE: SmithKline Beecham Corporation  
 STREET: 709 Swedenland Road, P.O. Box 1539  
 CITY: King of Prussia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19406-0939  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM 486  
 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
 SOFTWARE: MICROSOFT WORD  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/746,789A  
 FILING DATE: NO. 578200December 15, 1996  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/ AGENT INFORMATION:  
 NAME: William T. Han  
 ATTORNEY/ AGENT INFORMATION:  
 NAME: William T. Han  
 REGISTRATION NUMBER: 34,344  
 REFERENCE/DOCKET NUMBER: ATG 50024  
 REFERENCE/DOCKET NUMBER:  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 610 270 5219  
 TELEFAX: 610 270 4026  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1920  
 LENGTH:  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SNSE: No  
 US-08-746-789A-1  
 Query Match 100.0%; Score 252; DB 1; Length 1920;  
 Best Local Similarity 100.0%; Pred. No. 3, 3.3e-59;  
 Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTCGCCCCCTGAGGAGCTGCTCTGGCTCTGGGACCACTCCATGCC 60  
 Db 424 AATTCGCCCCCTGAGGAGCTGCTCTGGCTCTGGGACCACTCCATGCC 483

Qy 61 CAGCTGGAGACCTCACTCCAGCTCTGATGCTAGTGGATCATGGGTCTG 120  
 Db 484 CAGCTGGAGACCTCACTCCAGCTCTGATGCTAGTGGATCATGGGTCTG 543  
 Qy 121 GAGAAGGATGATGCCATGCCCTCCAGAGGGCTTGGACGGCAG 180  
 Db 544 GAGAAGGATGATGCCATGCCCTCCAGAGGGCTTGGACGGCAG 603  
 Qy 181 CCCTTGCCAGGACTGCTGAGCCAGGGCTAGGCCAGGGCTTGGACGGCAGC 240  
 Db 604 CCCTTGCCAGGACTGCTGAGCCAGGGCTAGGCCAGGGCTTGGACGGCAGC 663

RESULT 2  
 US-08-242-677-1/C  
 Sequence 1, Application US/08242677  
 Patent No. 5677143  
 GENERAL INFORMATION:  
 APPLICANT: Gaynor, Richard B  
 APPLICANT: Wu, Foon W.  
 TITLE OF INVENTION: Cellular Nucleic Acid Binding Protein and in the  
 TITLE OF INVENTION: and Uses Thereof in regulating Gene Expression and in the  
 TITLE OF INVENTION: Treatment of AIDS  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Arnold, White & Durkee  
 STREET: P.O. Box 4433  
 CITY: Houston  
 STATE: TX  
 COUNTRY: USA  
 ZIP: 77210

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/242,677  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mayfield, Denise L.  
 REGISTRATION NUMBER: 33,732  
 REFERENCE/DOCKET NUMBER: US/08/242,677  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 713-789-2679  
 TELEFAX: 713-789-2679  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5173 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 FEATURE:  
 NAME/KEY: Coding Sequence  
 LOCATION: 1..4863  
 US-08-242-677-1

Query Match 15.4%; Score 38.8; DB 1; length 5173;  
 Best Local Similarity 50.5%; Pred. No. 0.12; Matches 94; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

Qy 48 CCAACTCCATGCCGCCCTGGAGACACTCACTTCCGCTCTGATGAGCTCAGTTGGAT 107  
 Db 193 CCACCTCGGGCCCTCCGGAGGGCCCTGGCCCTCTGGCCCTCTGGAT 134  
 Qy 108 CATTAGCTGCTGGAGAAGGATGGCATGGCTTCCAGGAGGCCCTAGACCCAGGGCC 167

RESULT 3  
 US-08-852-743-1  
 Sequence 1, Application US/08852743  
 Patent No. 5830699  
 GENERAL INFORMATION:  
 APPLICANT: Force, Thomas  
 APPLICANT: Kyriakis, John M.  
 APPLICANT: Pombi, Celia M.  
 APPLICANT: Bonventre, Joseph  
 TITLE OF INVENTION: SOK-1 AND METHODS OF USE  
 NUMBER OF SEQUENCES: 10  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Fish & Richardson, P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: US  
 ZIP: 02110-2804

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: Windows95  
 SOFTWARE: PassEQ for Windows Version 2.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/852,743  
 FILING DATE: 7-MAY-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/016,774  
 FILING DATE: 7-MAY-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Fraser, Janis K.  
 REGISTRATION NUMBER: 34,819  
 REFERENCE/DOCKET NUMBER: 00786/327001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617/542-5070  
 TELEFAX: 617/542-8906  
 TELEX: 200154  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1975 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 FEATURE:  
 NAME/KEY: Coding Sequence  
 LOCATION: 127...1404  
 US-08-852-743-1

Query Match 13.9%; Score 35; DB 2; Length 1975;  
 Best Local Similarity 48.3%; Pred. No. 0.97; Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

Qy 46 GCAACTCCATGCCGCCCTGGAGACACTCACTTCCGCTCTGATGAGCTCAGTTGG 105  
 Db 175 GAGGAGCTCTTCAACAGCTGACGGCATGCAAGGGCTGTGGAGGTCTACAG 234  
 Qy 106 ATCATTGAGCTGAGAGGATGGCATGGCTTCCAGGAGGCCCTAGACCCAGGGCC 165  
 Db 235 GGCATCGATAACCAACAAAGGAGGAGGTGGCTGGCCATCAAGATCATGAGGAGGCC 294

RESULT 4  
US-09-185-370-1  
Sequence 1, Application US/09185370  
Patient No. 6093560  
GENERAL INFORMATION:  
APPLICANT: Force, Thomas  
APPLICANT: Kyriakis, John M.  
APPLICANT: Bombo, Celia M.  
APPLICANT: Bonventre, Joseph  
TITLE OF INVENTION: SOK-1 AND METHODS OF USE  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: US  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
COMPUTER: IBM Compatible  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: Windows95  
SOFTWARE: for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/185,370  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fraser, Janis K.  
REGISTRATION NUMBER: 34,819  
REFERENCE/DOCKET NUMBER: 00786/327001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1975 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE: Consensus  
US-08-712-709-4  
Query Match 13.9%; Score 35; DB 3; Length 1975;  
Best Local Similarity 48.3%; Pred. No. 0.97; Mismatches 105; Indels 0; Gaps 0;  
Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;  
FEATURE: Coding Sequence  
LOCATION: 127...1404  
US-09-185-370-1  
Query Match 13.9%; Score 35; DB 3; Length 1975;  
Best Local Similarity 48.3%; Pred. No. 0.97; Mismatches 105; Indels 0; Gaps 0;  
Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;  
Db 295 GAGGATGAGATGAGGACATCCAGGAGATCACTGCTCTGAGCTCAGTGGCT 225  
Db 295 GAGGATGAGATGAGGACATCCAGGAGATCACTGCTCTGAGCTCAGTGGCT 354  
Qy 226 TACCAACCCGGAGCTGTCAGTCAGTGGCT 248  
Db 355 TACATCACCGTACTTGGCTC 377  
Db 295 GAGGATGAGATGAGGACATCCAGGAGATCACTGCTCTGAGCTCAGTGGCT 225  
Db 295 GAGGATGAGATGAGGACATCCAGGAGATCACTGCTCTGAGCTCAGTGGCT 354  
Qy 226 TACCAACCCGGAGCTGTCAGTCAGTGGCT 248  
Db 355 TACATCACCGTACTTGGCTC 377  
RESULT 5  
US-08-712-709-4  
Sequence 4, Application US/08712709  
Patient No. 5863780  
GENERAL INFORMATION:  
APPLICANT: Au-Young, Janice  
APPLICANT: Guegler, Karl J.  
APPLICANT: Hawkins, Phillip R.  
TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: U.S.  
ZIP: 94304  
COMPUTER READABLE FORM:  
COMPUTER: IBM Compatible  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/712,709  
FILING DATE: Filed Herewith  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J.  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0118 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-545-4166  
TELEFAX: 415-855-0555  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2161 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE: Consensus  
US-08-712-709-4  
Query Match 13.9%; Score 35; DB 2; Length 2161;  
Best Local Similarity 48.3%; Pred. No. 0.99; Mismatches 105; Indels 0; Gaps 0;  
Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;  
Db 286 GAGGAGCTTCACCAAAGCTCCAGGCCATTGCAAGGGCTTGGGAGGTCTACAG 345  
Qy 46 GACCAACTCCATGCCAGCTGCGAGACCTCACTCCAGCTCTGAGCTCAGTGG 105  
Db 175 GAGGAGCTTCACCAAAGCTCCAGGCCATTGCAAGGGCTTGGGAGGTCTACAG 234  
Qy 106 ATCATTGAGCTCTGGAGAAGATGGATGGATGGCTCCAGGAGGCCATTGCAAGGGCTTGGGAGGTCTACAG 165  
Db 346 GGCATCGATAACACACAAGGAGGTGGCTGACCATCATCGAACCTGGAGGCC 405  
Qy 166 TTGACCAAGGGAGGCCATTGCAAGGGCTTGGGAGGTCTACAG 225  
Db 406 GAGGATGAGATGAGGACATCCAGGAGATCACTGCTCTGAGCTCAGTGGCTCAG 165  
Qy 226 TACCAACCCGGAGCTGTCAGTCAGTGGCT 248  
Db 466 TAGTACCCGGTACTTGGCTC 488  
Qy 166 TTGACCAAGGGAGGCCATTGCAAGGGCTTGGGAGGTCTACAG 225

RESULT 6 US-09-111-444-1

Sequence 4, Application US/09111444  
 Patent No. 6045792  
 GENERAL INFORMATION:  
 APPLICANT: Au-Young, Janice  
 APPLICANT: Guegler, Karl J.  
 APPLICANT: Hawkins, Phillip R.  
 TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 STREET: 3174 Porter Drive  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: U.S.  
 ZIP: 94304

COMPUTER READABLE FORM:  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/111,444  
 FILING DATE: 08/09/2003  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/712,709  
 FILING DATE: 08/09/2001  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 36,749  
 REFERENCE/DOCKET NUMBER: PF-0118 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-855-0555  
 TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2161 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 IMMEDIATE SOURCE:  
 LIBRARY: Consensus  
 CLONE: Consensus  
 ; US-09-111-444-4

Query Match 13.9%; Score 35; DB 3; Length 2161;  
 Best Local Similarity 48.3%; Pred. No. 0.99; 105; Indels 0; Gaps 0;  
 Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

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  Qy  46 GACCAACTCATGCCAGTGGAGACCTCACTTCAGCTCTGTATGAGCTGAGTGG 105
  Db  286 GAGGGCCTCTACCAAGTCGACGCCATGGCAGGGCTCGTTGGAGGCTACAG 345
  Qy  106 ATCATGGAGCTGGAGAGGATGCAAGCCCTTCCAGGAGGCCATGACCTGGAGGCC 165
  Db  346 GGCACTGATAACCAACACAAGGAGGTGGCTGCATCAAGTATCGACCTGGAGGCC 405
  Qy  166 TTGACCCGGCAGCCCTTGGCCAGGGCTGCTGGAGACGCTCACAAAGGCCAGGCC 225
  Db  406 GAGGTGAGATGGAGACATCCAGCAGGAGATCACTGCTCTAGTCAGTGCGACAGCCC 465
  Qy  226 TACCCGCCAGCTGAGGCC 248
  Db  466 TACATACCCGCTACTTGGCTC 488
  
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RESULT 7 US-09-541-228-4

Sequence 4, Application US/09541228  
 Patent No. 6232077  
 GENERAL INFORMATION:  
 APPLICANT: Ganezky, Barry S.  
 APPLICANT: Titus, Steven A.  
 TITLE OF INVENTION: Polynucleotides Encoding Herg-3  
 FILE REFERENCE: 960296.94550  
 CURRENT APPLICATION NUMBER: US/08/556,242C

APPLICANT: Au-Young, Janice  
 APPLICANT: Guegler, Karl J.  
 APPLICANT: Hawkins, Phillip R.  
 TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Incyte Pharmaceuticals, Inc.  
 STREET: 3174 Porter Drive  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: U.S.  
 ZIP: 94304

COMPUTER READABLE FORM:  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/541,228  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/712,709  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Billings, Lucy J.  
 REGISTRATION NUMBER: 36,749  
 REFERENCE/DOCKET NUMBER: PF-0118 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-855-0555  
 TELEFAX: 415-845-4166

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2161 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 IMMEDIATE SOURCE:  
 LIBRARY: Consensus  
 CLONE: Consensus  
 ; US-09-541-228-4

Query Match 13.9%; Score 35; DB 4; Length 2161;  
 Best Local Similarity 48.3%; Pred. No. 0.99; 105; Indels 0; Gaps 0;  
 Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

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  Qy  46 GACCAACTCATGCCAGTGGAGACCTCACTTCAGCTCTGTATGAGCTGAGTGG 105
  Db  286 GAGGGCCTCTACCAAGTCGACGCCATGGCAGGGCTCGTTGGAGGCTACAG 345
  Qy  106 ATCATGGAGCTGGAGAGGATGCAAGCCCTTCCAGGAGGCCATGACCTGGAGGCC 165
  Db  346 GGCACTGATAACCAACACAAGGAGGTGGCTGCATCAAGTATCGACCTGGAGGCC 405
  Qy  166 TTGACCCGGCAGCCCTTGGCCAGGGCTGCTGGAGACGCTCACAAAGGCCAGGCC 225
  Db  406 GAGGTGAGATGGAGACATCCAGCAGGAGATCACTGCTCTAGTCAGTGCGACAGCCC 465
  Qy  226 TACCCGCCAGCTGAGGCC 248
  Db  466 TACATACCCGCTACTTGGCTC 488
  
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RESULT 8 US-08-956-242-1

Sequence 1, Application US/08956242C  
 Patent No. 5986081  
 GENERAL INFORMATION:  
 APPLICANT: Ganezky, Barry S.  
 APPLICANT: Titus, Steven A.  
 TITLE OF INVENTION: Polynucleotides Encoding Herg-3  
 FILE REFERENCE: 960296.94550  
 CURRENT APPLICATION NUMBER: US/08/556,242C

RESULT 7 US-09-541-228-4

Sequence 4, Application US/09541228  
 Patent No. 6232077  
 GENERAL INFORMATION:

CURRENT FILING DATE: 1997-10-22  
 NUMBER OF SEQ ID NOS: 13  
 SOFTWARE: Patentin Ver. 2.0  
 SEQ ID NO 1  
 LENGTH: 3141  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE: CDS  
 LOCATION: (248)..(2128)  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (1)  
 OTHER INFORMATION: Unidentified at time of filing  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (3)  
 OTHER INFORMATION: Unidentified at time of filing  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (12)  
 OTHER INFORMATION: Unidentified at time of filing  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (1568)..(1872)  
 OTHER INFORMATION: Unidentified at time of filing  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (3126)  
 OTHER INFORMATION: Unidentified at time of filing  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (3134)  
 OTHER INFORMATION: Unidentified at time of filing  
 US-08-956-242-1

Query Match 13.5%; Score 34; DB 2; Length 3141;  
 Best Local Similarity 57.5%; Pred. No. 2; Mismatches 45; Indels 0; Gaps 0;  
 Matches 61; Conservative 0;

QY 21 GCGCTCTGGCTTGGGCCCTGGAGGACACTCCATGCCAGCTGGAGACTC 80  
 Db 2223 GCGCTCTGGCTTGGGCCCTGGAGGACACTCCATGCCAGCTGGAGTC 2282

QY 81 CAGCTCTCTGATGAGCTAGTCAGTGGATCATTTGAGCTGGAGAG 126  
 Db 2223 CCGCTGTCAGACCTCAGCCGATCTGGAGCTCCAGAG 2328

RESULT 9  
 US-09-351-215-1  
 ; Sequence 1, Application US/09351215  
 ; Patent No. 608488  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ganetzky, Barry S.  
 ; ATTORNEY: Titus, Steven A.  
 ; TITLE OF INVENTION: Polynucleotides Encoding Herg-3  
 ; FILE REFERENCE: 960296-94550  
 ; CURRENT APPLICATION NUMBER: US/09/351,215  
 ; CURRENT FILING DATE: 1997-07-12  
 ; EARLIER APPLICATION NUMBER: 08/956,242  
 ; NUMBER OF SEQ ID NOS: 13  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 1  
 LENGTH: 3141  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE: CDS  
 LOCATION: (248)..(2128)  
 FEATURE:  
 NAME/KEY: unsure

Query Match 13.1%; Score 33; DB 4; Length 1217;  
 Best Local Similarity 57.1%; Pred. No. 3; Mismatches 45; Indels 0; Gaps 0;  
 Matches 60; Conservative 0;

QY 62 ACGTGCAGACCTCACTCCACGCTCTGATGAGCTAGTGGATCATTTGAGCTGGAG 121  
 Db 1111 ACGTGCAGACCTCACTCCACGCTCTGATGAGCTAGTGGAGCTGGAG 1170

QY 122 ACGAGGTATGGAGAGGCTCAGGGAGATCACAGAGGACAT 166  
 Db 1171 ACGAGGTATGGAGAGGCTCAGGGAGATCACAGAGGACAT 1215

Query Match 13.5%; Score 34; DB 3; Length 3141;  
 Best Local Similarity 57.5%; Pred. No. 2; Mismatches 45; Indels 0; Gaps 0;  
 Matches 61; Conservative 0;

QY 21 GCGCTCTGGCTTGGGCCCTGGAGGACACTCCATGCCAGCTGGAGTC 80  
 Db 2223 GCGCTCTGGCTTGGGCCCTGGAGGACACTCCATGCCAGCTGGAGTC 2282

QY 81 CAGCTCTCTGATGAGCTAGTCAGTGGATCATTTGAGCTGGAGAG 126  
 Db 2223 CCGCTGTCAGACCTCAGCCGATCTGGAGCTCCAGAG 2328

RESULT 10  
 US-09-534-669-11  
 ; Sequence 11, Application US/09594669  
 ; Patent No. 6331424  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Beraud, Christophe  
 ; ATTORNEY: Sakowitz, Roman  
 ; TITLE OF INVENTION: No. 6331424el motor proteins and methods for  
 ; TITLE OF INVENTION: their use  
 ; FILE REFERENCE: 1042  
 ; CURRENT APPLICATION NUMBER: US/09/594,669  
 ; CURRENT FILING DATE: 2000-06-15  
 ; PRIOR APPLICATION NUMBER: US 09/295,612  
 ; PRIOR FILING DATE: 1995-04-20  
 ; PRIOR APPLICATION NUMBER: US 09/314,464  
 ; PRIOR FILING DATE: 1998-05-18  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 11  
 LENGTH: 1217  
 TYPE: DNA  
 ORGANISM: Human  
 US-09-594-669-11

Query Match 13.1%; Score 33; DB 4; Length 1217;  
 Best Local Similarity 57.1%; Pred. No. 3; Mismatches 45; Indels 0; Gaps 0;  
 Matches 60; Conservative 0;

QY 62 ACGTGCAGACCTCACTCCACGCTCTGATGAGCTAGTGGATCATTTGAGCTGGAG 121  
 Db 1111 ACGTGCAGACCTCACTCCACGCTCTGATGAGCTAGTGGAGCTGGAG 1170

QY 122 ACGAGGTATGGAGAGGCTCAGGGAGATCACAGAGGACAT 166  
 Db 1171 ACGAGGTATGGAGAGGCTCAGGGAGATCACAGAGGACAT 1215

RESULT 11  
US-09-594-669-9  
; Sequence 9, Application US/09594669  
; Patent No. 6331424  
; GENERAL INFORMATION:  
; APPLICANT: Beraud, Christophe  
; APPLICANT: Sakowicz, Roman  
; TITLE OF INVENTION: No. 6331424el motor proteins and methods for  
; FILE REFERENCE: 1042  
; CURRENT APPLICATION NUMBER: US/09/594,669  
; CURRENT FILING DATE: 2000-06-15  
; PRIOR APPLICATION NUMBER: US 09/295,612  
; PRIOR FILING DATE: 1999-04-20  
; PRIOR APPLICATION NUMBER: 4 US 09/314,464  
; PRIOR FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 16  
; SEQ ID NO: 9  
; LENGTH: 1304  
; TYPE: DNA  
; ORGANISM: Human  
US-09-594-669-9

Query Match 13.1%; Score 33; DB 4; Length 1304;  
Best Local Similarity 57.1%; Pred. No. 3;  
Matches 60; Conservative 0; Mismatches 45; Indels 0; Gaps 0;  
Qy 62 AGCTCGAGCTCTCTCCAGTGTCCAGCTTAACGAGCATGACTCAGTGGATCATGAGCTGCTGG 121  
Db 1198 AACCTCTCCAGTGTCCAGCTTAACGAGCATGACTCAGTGGATCATGAGCTGCTGG 1257

Query Match 13.1%; Score 33; DB 4; Length 1304;  
Best Local Similarity 57.1%; Pred. No. 3;  
Matches 60; Conservative 0; Mismatches 45; Indels 0; Gaps 0;  
Qy 122 AGAAGATGGCATGGCTTCAGGGGCCCTAGACCAAGG 166  
Db 1258 AGAAGCTATGGAAAGCTCAAGGAGATCATACAGCAAGACAT 1302

RESULT 12  
US-09-594-669-7  
; Sequence 7, Application US/09594669  
; Patent No. 6331424  
; GENERAL INFORMATION:  
; APPLICANT: Beraud, Christophe  
; APPLICANT: Sakowicz, Roman  
; TITLE OF INVENTION: No. 6331424el motor proteins and methods for  
; FILE REFERENCE: 1042  
; CURRENT APPLICATION NUMBER: US/09/594,669  
; CURRENT FILING DATE: 2000-06-15  
; PRIOR APPLICATION NUMBER: US 09/295,612  
; PRIOR FILING DATE: 1999-04-20  
; PRIOR APPLICATION NUMBER: 4 US 09/314,464  
; PRIOR FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 16  
; SEQ ID NO: 7  
; LENGTH: 1420  
; TYPE: DNA  
; ORGANISM: Human  
US-09-594-669-7

Query Match 13.1%; Score 33; DB 4; Length 1420;  
Best Local Similarity 57.1%; Pred. No. 3.1;  
Matches 60; Conservative 0; Mismatches 45; Indels 0; Gaps 0;  
Qy 62 AGCTCGAGCTCTCTCCAGCTCTCTGAGCTAGCTGGATCATGAGCTGCTGG 121  
Db 1314 AACTCTCCAGTGTCCAGCTTAACGAGCATGACTCAGATCAGGGAGCTGGAG 1373

Query Match 13.1%; Score 33; DB 4; Length 1420;  
Best Local Similarity 57.1%; Pred. No. 3.1;  
Matches 60; Conservative 0; Mismatches 45; Indels 0; Gaps 0;  
Qy 62 AGCTCGAGCTCTCTCCAGCTCTCTGAGCTAGCTGGATCATGAGCTGCTGG 121  
Db 132 AGAAGATGGCATGGCTTCAGGGGCCCTAGACCAAGG 166  
Db 1374 AGAAGCTATGGAAAGCTCAAGGAGATCATACAGCAAGACAT 1418

RESULT 13  
US-09-160-036-2/c  
; Sequence 2, Application US/09160036B  
; Patent No. 6428939  
; GENERAL INFORMATION:  
; APPLICANT: ITO, Makoto  
; APPLICANT: Kurita, Toyohisa  
; APPLICANT: Kita, Katsuhiro  
; APPLICANT: Seiyoshi, No. 642899iyuki  
; APPLICANT: Mitsutake, Susumu  
; APPLICANT: Fujita, Masanori  
; APPLICANT: Okino, No. 6428999omu  
; APPLICANT: Izu, Hiroyuki  
; APPLICANT: Kato, Ikuo  
; TITLE OF INVENTION: SPHINGOLIPID CERAMIDE N-DEACYLASE, METHODS FOR  
; FILE REFERENCE: 051835  
; CURRENT APPLICATION NUMBER: US/09/160, 036B  
; CURRENT FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 08/881, 486  
; PRIOR FILING DATE: 1997-06-24  
; EARLIER APPLICATION NUMBER: PCT/JP97/02483  
; EARLIER FILING DATE: 1997-07-17  
; NUMBER OF SEQ ID NOS: 12  
; SEQ ID NO: 2  
; LENGTH: 1317  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: portion of gene  
; OTHER INFORMATION: sequence which encodes a polypeptide having SCDatabase  
; OTHER INFORMATION: activity  
US-09-160-036-2

Query Match 13.0%; Score 32.8; DB 4; Length 1317;  
Best Local Similarity 54.0%; Pred. No. 3.4;  
Matches 67; Conservative 0; Mismatches 57; Indels 0; Gaps 0;  
Qy 112 GAGCTCTGGATGAGGATGCGCTGGAGGGCTTACAC 171  
Db 693 GAGGTCTGGAGAACCCGGAGTCACTGATCAGCTGCCGACCCGGCGACTGCAAGCC 634

Query Match 13.0%; Score 32.8; DB 4; Length 1317;  
Best Local Similarity 54.0%; Pred. No. 3.4;  
Matches 67; Conservative 0; Mismatches 57; Indels 0; Gaps 0;  
Qy 172 CAGGCAGCCCTTGCCAGGAGCTGCTGGAGACGGTCAAGAAGCCCTACAC 231  
Db 633 GGTGGAAAGCATCTGGCCGGCGCTCCAGGGACTGCGG 574

Query Match 13.0%; Score 32.8; DB 4; Length 1317;  
Best Local Similarity 54.0%; Pred. No. 3.4;  
Matches 67; Conservative 0; Mismatches 57; Indels 0; Gaps 0;  
Qy 232 CCCG 235  
Db 573 ACCG 570

RESULT 14  
US-09-160-036-11/c  
; Sequence 11, Application US/09160036B  
; Patent No. 6428939  
; GENERAL INFORMATION:  
; APPLICANT: Ito, Makoto  
; APPLICANT: Kurita, Toyohisa  
; APPLICANT: Kita, Katsuhiro  
; APPLICANT: Seiyoshi, No. 642899iyuki  
; APPLICANT: Mitsutake, Susumu  
; APPLICANT: Fujita, Masanori  
; APPLICANT: Okino, No. 6428999omu  
; APPLICANT: Izu, Hiroyuki  
; APPLICANT: Kato, Ikuo  
; TITLE OF INVENTION: SPHINGOLIPID CERAMIDE N-DEACYLASE, METHODS FOR  
; FILE REFERENCE: 051835

CURRENT APPLICATION NUMBER: US/09/160,036B  
 CURRENT FILING DATE: 1998-09-25  
 EARLIER APPLICATION NUMBER: 08/881,486  
 EARLIER FILING DATE: 1997-06-24  
 EARLIER APPLICATION NUMBER: PCT/JP97/02483  
 NUMBER OF SEQ ID NOS: 12  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 11  
 LENGTH: 1392  
 TYPE: DNA  
 ORGANISM: Unknown  
 FEATURE:  
 OTHER INFORMATION: Description of Unknown Organism: ORF of SCDase  
 US-09-160-036-11

Query Match 13.0%; Score 32.8; DB 4; Length 1392;  
 Best Local Similarity 54.0%; Pred. No. 3.5;  
 Matches 67; Conservative 0; Mismatches 57; Indels 0; Gaps 0;  
 Qy 112 GAGCTGGCTGGAGAGGAGATGGCATGGCTTCCAGGAGGCCCTAGACCCAGGGCCTTGAC 171  
 Db 768 GAGGTCTGGCGAGACCGAGTGACTGATCAGGTGCGACCGCCACTGAGCC 709

Qy 172 CAGGGCAGCCUTTSCCGAGGAGCTGGAGAGGAGCCAGCCCTACAC 231  
 Db 708 GGTGAAAGCATCTGGCGGGCGCTCCAGGTTGTCCTCAGGCCAGCGAGCACTGCCG 649

Qy 232 CCCG 235  
 Db 648 ACCG 645

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RESULT 15  
 US-09-404-879A-149/C  
 Sequence 149, Application US/09404879A  
 Patent No. 6468546  
 GENERAL INFORMATION:  
 APPLICANT: Matcham, Jennifer L.  
 APPLICANT: King, Gordon E.  
 APPLICANT: Algate, Paul A.  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 TITLE OF INVENTION: DIAGNOSTS OF OVARIAN CANCER  
 FILE REFERENCE: 210121-462C2  
 CURRENT APPLICATION NUMBER: US/09/404,879A  
 CURRENT FILING DATE: 1999-09-24  
 NUMBER OF SEQ ID NOS: 393  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 149  
 LENGTH: 501  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 US-09-404-879A-149

Query Match 12.9%; Score 32.6; DB 4; Length 501;  
 Best Local Similarity 57.3%; Pred. No. 3.1;  
 Matches 59; Conservative 0; Mismatches 44; Indels 0; Gaps 0;  
 Qy 62 AGCTGGAGACCTCACTCCAGCTCTGATGAGCTCAGTGGCATTTGAGCTGG 121  
 Db 322 AACTGTCCTCCAGATGAGCTCCAGCTTAACTGAAAGCCATGACTAGATGGCTGGAGG 263

Qy 122 AGAAGGATGCGATGGCTCCAGGAGGCCCTAGACCCAGGGCC 164  
 Db 262 AGAAGCTATGGAGAGCTCAAGGAGATCATACAGCAGGACC 220

